

- High Energy Rare Earth Magnets
- Smooth Running
- Overload protection to 110%
- Torsionally soft
- Electrical / Mechanical / Chemical isolation
- Stainless Steel Hubs Type 416

DIMENSIONS & ORDER CODES

Size	Stainless Steel Hub	Dimensions							Fasteners		
	Order Code	O.D.	O/A Length L	Recommended Air Gap	Hub Length L1	Hub Dia D	Max Bore	Mass* kg x 10 ⁻³	Size Metric Inch**	Torque (Nm)	A/F (mm) inch
40	MTD.40	44	35	4.75	15.0	20.6	8	0.11	M4 #8-32	1.05 0.95	2.0 5/64
50	MTD.50	50	35	4.75	15.0	28.5	12.7	0.17	M5 #10-32	2.1 2	2.5 3/32
60	MTD.60	60	43	4.75	19.8	38.1	19.0	0.30	M5 #10-32	2.1 2	2.5 3/32
70	MTD.70	73	56	4.75	25.4	51.0	25.4	0.58	M5 #10-32	2.1 2	2.5 3/32

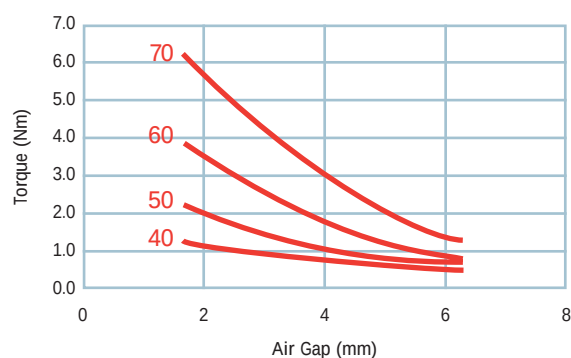
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PERFORMANCE

Size	Max Running Torque (Nm)	Slip Torque (Nm)	max misalignment/displacement	
			Angular deg	Radial mm
40	0.34	0.45	3	6.35
50	0.68	0.79	3	6.35
60	1.02	1.13	3	6.35
70	1.81	2.15	3	6.35

*half coupling ** metric bores supplied with metric screws

TORQUE VS. AIR GAP



STANDARD BORES

Size	+0.05/-0mm													
	3.175	5	6	6.35	7.938	10	11	12.7	14	15.875	19	19.05	22.225	25.4
40	•	•	•	•	•									
50			•	•	•	•	•	•						
60							•	•	•	•	•	•		
70								•	•	•	•	•	•	•
Bore Ref	14	20	122	24	27	32	33	36	38	42	46	47	50	53

Also available unbored - use bore code 0000